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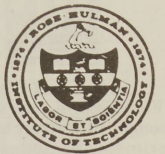
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the THORN



VOLUME 12, NUMBER 16

ROSE HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, IND.

FRIDAY, FEB. 18, 1977

It's A Gas

Gas Conserved

by Eric Dansker

Despite the natural gas shortage that has thrown 2.2 million people out of work this winter, Rose-Hulman is probably well-enough equipped to provide college education without interruption, says Robert Willets, vice president of Financial Affairs.

"We use natural gas in the laboratories, including the neutron generator lab and the Rotz lab, the student union, and the three upperclassmen dormitories (Mees, Scharpenberg, and Blumberg). The laboratories use relatively minor amounts of gas, and not much savings could be realized there. But the union and dormitories use quite significant amounts of gas," said Mr. Willets.

Rose received a reduced gas allocation of 4,074,000 cubic feet for the period January 1 to March 31. As of January 18, 860,000 cubic feet of gas had been used.

Conservation measures have been adopted. The temperature in the student union and upperclassmen dormitories has been reduced to sixty-five degrees and students are asked to close drapes when the sun is not out to reduce heat loss through windows.

These and other measures have considerably reduced gas consumption at Rose. The highest day during the first half of January was 62,000 cubic feet; since then, the high has been 55,000 cubic feet. This was on January 29 when the temperature was nearly minus twenty degrees.

Generally, 35,000 to 44,000 cubic feet of gas are used per day at Rose. As of February 1, 2,663,000 cubic feet remained in the allocation, allowing consumption of 45,900 cubic feet per day

assuming that the supply is not further cut back. It is possible, given critical shortages existing in New Jersey, Pennsylvania, Ohio, and other states, that the supply will be further reduced; for this reason, full cooperation on conservation measures is needed.

Congress has recently authorized President Carter to lift price controls and allocate gas from state to state to wherever it is most needed; the first priority is heating homes.

"I do not think that anyone can say that these price changes and allocations attempting to meet the problem of heating homes might not adversely affect Rose, at least to the extent of the three dormitories and the union," said Mr. Willets.

A study of the entire energy system at Rose is now being authorized. It is expected to suggest the best ways of providing both heat and power for the campus.

The three dormitories could be switched from gas to oil, electricity or coal. Oil is seen as the least desirable; it would cost \$30,000 to convert to it and it will likely be the next heating material in short supply, since many buildings in the United States are now converting to oil.

It would cost much less money to switch to electricity. The existing hot water system in the dormitories could still be used; the water would be heated with electricity instead of gas. This is probably the most expensive per BTU of heat produced; therefore, it is only an intermediate solution.

"I think the most practical, long-term solution would be to link the three dormitories to a central steam plant using coal.

(to be continued page 3)

Rose Students to Tour Russia

College students and interested adults have been invited to apply for the second biennial Rose-Hulman Institute of Technology/AIFS Russian Studies Tour of Moscow and Leningrad this summer, according to Rose-Hulman's Professor Peter F. H. Priest.

Priest, associate professor of Russian and comparative literature, will conduct the tour from June 20 to Aug. 14. This Russian studies tour will provide serious students with an unparalleled opportunity to study for six full weeks (three weeks in Moscow and three weeks in Leningrad) the language, art, history, film, political realities, education and social services in the U.S.S.R.

Students will attend Soviet classes with native instructors in the morning for three to four hours a day, six days a week. The afternoon and evening will be used to do field research in Leningrad or Moscow on a topic approved by their home university and supervised by Professor Priest.

In addition, students on the tour will have two weeks of unstructured freedom in Western Europe to pursue their other interests. Professor Priest notes that the Rose-Hulman/AIFS study program is the most concentrated and gives the greatest exposure to Soviet realities of the programs available.

In 1975 Professor Priest conducted a tour for eight students, including four from Rose-Hulman. In addition to receiving excellent instruction in classes assigned according to their linguistic ability, students sat in the czar's box at a Chekhov play and attended numerous ballets, concerts, folk dance exhibitions, religious services and almost daily made their way about Moscow in the world's largest subway system, which with its art and statues has more the appearance of a museum.

The deadline for receipt of applications is March 1. Payment of the \$1,895 fee for the trip which includes round trip transportation from New York, all tuition, room and board in the Soviet Union is June 1.

The American Institute for Foreign Study (AIFS) of Greenwich, Conn., is the oldest and largest educational travel and foreign study organization in the world. AIFS was selected for the Russian Studies Program because of its experience, financial guarantees and its cost effectiveness.

Further information on the program may be obtained by contacting Professor Priest.



Team members of Rose Rifle team, who placed first out of 19 teams at Third Annual Central Missouri State University ROTC Smallbore Postal Match, are (top, left to right) Steve Brockman, Larry McClone, SFC Homer Hungerford, Gary Meier, (bottom) Eric Fox, and Charles Ledden. Photo by Randy Shinkle.

ROTC Outdoor Adventures

Under the direction of Sgt. Homer Hungerford, adventure activities advisor for the Rose ROTC detachment, is presently planning at least six extraordinary activities for all students of Rose who may wish to participate. They are designed to challenge the hardest of souls, and will most certainly be a memory that will last a lifetime.

Over the quarter break, the ten best riflemen at Rose are invited to go to Florida representing Rose-Hulman on a sightseeing-shooting tour. Though the representatives will most probably be members of this year's outstanding Rifle team, any member of the Rose Rifle Club is eligible.

Also over quarter break, there will be a ski trip to Keystone, Co., which will last for eight days. Included in the \$176 budget is ski rental, lift tickets, and one days lesson, as well as lodging, transportation, and meals. The

people leaving on the trip will leave March 3 and will return March 13.

From April 22 to May 1, over two weekends, a scuba course will be held in the ISU pool. All equipment will be furnished, and both YMCA and PAOI certification will be awarded upon successful completion of the course.

Rock climbing has become one of the up and coming most popular sports in the U.S., and there will be a rock climbing clinic April 15-17 to teach the basics of the sport. Although the mountains will only be the Appalachians in the western Carolinas, they are both most scenic and challenging to the beginner. The \$75 will not include lodging, boots, and transportation.

All excellent swimmers are challenged to White Water canoeing on the Chattooga River May 13-15. This was the river that the film "Deliverance" was filmed

on, and since the filming of the movie, several people who have attempted the river unassisted have drowned. However, the guides that are now running the trip report that there have been no fatalities since they have been running the trip. The total fee will be \$42.50.

Over the summer there will be two sailing trips in the Virgin Islands, between July 23 and 30, and the second to run from July 30 to August 5. The total cost will be \$393 for a one-week cruise, and will be \$585 for the cruise if it is taken both weeks. There is a limit of 10 persons per week.

If you have any interest in any of these adventures, see Sgt. Hungerford, Sgt. Deniston, or Major Buckley in the ROTC Department for more details.

A thought for the day: President Franklin D. Roosevelt said, "The truth is found when men are free to pursue."

Education Continues With Finite Method Course

Registration for Rose-Hulman Institute of Technology's non-credit course entitled "The Finite Method" is due Friday, Feb. 18, according to Irvin P. Hooper, director of continuing education.

Dr. Everett H. Killam and Dr. Gerald Y. Matsumoto of the Rose-Hulman faculty will teach the course to be conducted on the Tuesday evenings of Feb. 22 and March 1, 8, 15, and 22. The all-inclusive fee is \$40 per person.

The finite element method is rapidly becoming one of the major tools for the engineer in design of structures and machines. The method is of primary use in the determination of stress and strains in

machine or structural elements produced by both static and dynamic loads. The short course is intended to provide the student with general information about the method and to provide demonstrations on its application.

Both Dr. Killam and Dr. Matsumoto have considerable background in the finite element method. Dr. Killam is a member of the civil engineering staff and has extensive industrial consulting experience in the practical application of the method. Dr. Matsumoto, a member of the mechanical engineering staff, also has considerable expertise in the method as it relates to machine design.

Prof. Killam earned a B.S. at the University of New Hampshire in 1961 and the M.S. and Ph. D. from the University of Wyoming in 1965 and 1973 respectively. Prior to joining Rose-Hulman in 1974 he was associated with a California-based consulting firm.

Prof. Matsumoto holds the B.S. (1966), M.S. (1968) and Ph. D. (1971) in mechanical engineering from the University of California. Dr. Matsumoto joined the Rose-Hulman faculty in September, having taught mechanical engineering at Pennsylvania State University since 1971.

Further information may be obtained from Professors Hooper, Killam or Matsumoto.

Who Runs This Circus?

by Chris Black

For those of you who are old enough to remember the experimental student Faculty Evaluation Poll of a couple of years ago, and wondered what ever became of it, rest assured, it is dead and buried, period. But, never to be outdone, the Quality of Education Commission has come up with a new student Evaluation Poll that will in all probability be used THIS quarter — as an experiment. You see, several faculty members were dissatisfied with the existing poll, and endeavored to improve it. President Samuel F., the guy who is the ultimate ringleader for such matters, also thought it needed improving. So, the appropriate committee, the Quality of Education Commission, was given the mandate to come up with a "new and improved" Evaluation and, indeed, they have succeeded in doing so.

This new poll is much more comprehensive in scope and requires more thought and concentration than the existing poll (of which you all are so familiar). You won't be able to fill it out in a matter of seconds and, therefore, all professors are expected to give you "adequate" time in order to do so. (If your prof fails to give you enough time, it is your responsibility to raise a big stink, as long as you don't go overboard and cause a major crisis.) In other words, this poll has been designed to provide the faculty member with relevant constructive criticism and evaluation, and it is your duty to take it seriously, and not treat it as a total joke. Without going into a verbose dissertation of the philosophical ramifications of this new poll, suffice it to say that this poll IS a dramatic improvement and can be of great use in upgrading the "quality of education" at Rose, which you must support (albeit subconsciously) if you want your degree to be worth something in the future.

Below is a reproduction of the new questions of the poll so that you can glance at them and be aware of what is coming your way. Also, in case you are interested, you can have some comments and thoughts in mind when you are confronted with the poll, and therefore will have no excuse for committing the treasonable act of total indifference towards the poll.

Next quarter, after the polls have been tallied and given back to the respective profs, there will be an OPEN meeting for students and faculty to discuss the relative merits of the new

poll, and to see if it was, indeed, as great a success as it could be. Therefore, keep this in mind as you fill out the Evaluations, and take mental notes of your opinions and possible improvements. Now, at your leisure, look this new poll over and if you have any constructive comments, seek out Chairman Tom Mason or any member of the Quality of Education Commission, or, if you prefer anonymity, jot your comments down and mail them to Box 867. Your opinions will be considered as interested student input, and they DO carry some weight. Now tell me, who runs this circus?

Classroom Instruction Evaluation

1. There are many skills and techniques that a teacher can use to reach his goals. There are also many attitudes that affect his teaching ability. The following items refer to specific topics, some of which you may consider irrelevant or unimportant. Please comment in as much detail as possible about the good or bad aspects of any of these topics on the instructor's teaching that you consider important.

a) Materials covered — the choice of topics, the organization, the pace, the text, and other references, etc.

b) Class format — the style of interaction between teacher and student, i.e. formality, lecture (monologue), lecture (dialogue), group discussion, individual student presentations, etc.

c) Skill used in the classroom — speaking, boardwork, preparation for class, drawing, etc.

d) Treatment of topics — motivation of ideas, relative emphasis on problems, examples, and theory.

e) Help outside the class — office hours, availability, friendliness, helpfulness, etc.

f) Homework — length of assignments, relevance to course topics, difficulty, grader's good and bad points, etc.

g) Exams and quizzes — relevance to course work, difficulty, quality as evaluators, quality as teaching devices, number, etc.

h) Grading policy — fairness of the evaluation system used, etc.

i) Attitude toward student — friendly, open to questions, honest, sensitive to your understanding of the materials, to your needs, to your desires, to your problems, etc.

j) Attitude toward teaching — his desire to teach well, to find out whether he is teaching well, to adjust his techniques to fit the teaching situation, etc.

2. What characteristics of your present instructor's teaching do you consider his strengths? (Teaching refers to his complete behavior as a teacher, not just in class.)

3. What characteristics of his teaching do you consider his weaknesses?

4. List any suggestions you have about any skills or techniques he should have used.

5. List any suggestions you have about how the course itself could be changed for the better.

6. If the course included a laboratory,

a) Did the lab exercises reinforce the material treated in the recitation/lecture sessions?

b) Was the laboratory equipment adequate?

7. Rate the teaching of this instructor on the seven point scale given below: (Circle the number).

7 - Excellent

6 -

5 -

4 - Average

3 -

2 -

1 - Terrible

8. This course is (required) (elective) for me.

9. The grade I expect to receive in this course is in the range: (A-B) (B-C) (C-D) (D-F)

10. What fraction of the assigned homework did you conscientiously attempt to do? (0-25%) (25-50%) (50-75%) (75-95%) (95-100%)

11. Approximately how many class meetings did you miss? (8 or more) (5-7) (3-4) (1-2) (None)

12. Any other comments?

Aspirin a day may keep away heart attacks

MADISON, Wis. — An aspirin a day might keep heart attack away. But check with your doctor first.

Dr. John D. Folts, a physiologist in the University of Wisconsin Department of Medicine, says aspirin might prevent blood platelets from sticking to the cholesterol and fatty acids in a person's arteries — thereby preventing blockage of those arteries.

When a person is cut, the platelets cover an injured blood vessel to stop the bleeding, Folts said. But he said they apparently can stick to fats in the blood as well.

Folts said that tests performed on laboratory animals and studies of human reactions to aspirin indicate that an aspirin each day would be enough to reduce the "stickiness" of platelets.

But he added people should see their doctors before beginning such a program.

FACTS OF FAITH

The underlying purpose behind all Moody films is to inspire faith in God. Utilizing all the varied and superbly equipped laboratories at the Institute, Moody scientists demonstrate faith and how to possess it.

In FACTS OF FAITH we discover that heat is not hot, steel can float in air, and substance is not solid at all. One million volts of electricity blaze through Dr. Moon's body to convincingly demonstrate powerful spiritual truths: the scientific necessity for the new birth, and the assurance of the resurrection of the body.

FACTS OF FAITH will be presented in B-119 on February 23. Admission is free. The times that the film will be shown will be posted in the halls Monday the 21st.

Student Congress Vacancies

by Dennis Funk and Bob Cullice
Election Committee Members

ed by at least 10 residents of his precinct.

The Election Committee of the Rose-Hulman Student Congress has adopted an official policy for filling vacancies. Any students wishing to fill these vacancies must petition to the Election Committee. Petitions are available in the Student Government Office. Student Congress positions are presently vacant at the following precincts:

Off-campus precinct, three; Apartments, one; Scharpenberg, one; and Theta Xi, one.

Election Committee Policy For Filling Student Congress Representative Vacancies

1) A petitioner for a vacant seat must submit a petition sign-

2) As soon as it is received by the Election Committee, the petition will be dated and posted on the Student Government Bulletin Board for five school days.

3) After five school days, the petitioner shall become the representative under the authority of the Election Committee if no other challengers petition for the same vacancy.

4) Any challengers must submit petitions to the Election Committee during this five-day period.

5) The Election Committee shall conduct a special election if there is more than one petitioner for the same vacancies.

BUDGET REQUESTS

All budget requests by all campus organizations receiving aid from the student government are due Monday in Box 760 by 4:00 p.m. It is imperative that these

be turned in by this date so that the budgeting process can begin. Those clubs not submitting a request may be denied funds for next year.

DRAMA TRYOUTS

"The Teahouse of the August Moon" by John Patrick will be Monday, March 14, at 7:30 p.m. This is the first day of classes after term break.

Any Rose student is welcome to try out for one of the numerous available roles. No previous experience is necessary. There are also eight female roles and several bit parts available — the Drama Club invites people in the Terre Haute community to try out for these parts.

STUDENT BODY ELECTION

Offices: Student Body President
Student Body Vice President

Petitions Available: March 14, 1977
Petitions Due: Noon, March 18, 1977
Primary: March 28, 1977
Final Election: April 1, 1977

For More Info, Contact
Randy Ridgway - President
Choi K. Wong - Vice President

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STUDENT CONGRESS SIXTH SESSION

SIXTH SESSION

These are the minutes of the January 27, 1977, meeting of the Student Congress.

The meeting was called to order by V.P. Wong at 4:30 p.m. in Room B-119.

After the roll call, it was discovered that a quorum was not present.

V.P. Wong then announced the following people as retired Student Congress Representatives due to their unexcused absence from two sessions from Congress: Gary Roberts, Andrew Roach, Kevin Tevault, Jerry Ford, Eric Robeson, and Gary Bruegge.

With these people off the roster, a quorum was present.

The minutes of the previous meeting were approved as read.

No committee reports were given.

OLD BUSINESS

Bill Five, Rose Orienteering Club, Final Reading. The bill was sponsored by Gerry Dail and Mike Sterling and asked the Congress to approve the constitution and recognize the club for a 90-day probationary period. Gerry Dail moved and Kevin Barrer seconded that the bill be approved. The bill passed, 25-0-2.

NEW BUSINESS

Resolution Two, Student Bank Hours. Sponsored by Gerry Dail, Bob Cultice, and Mike Kuenning, the resolution asked that the Congress suggest that the Student Bank be open from 9:00 a.m. - 11:30 a.m. and 12:30 p.m. - 4:00 p.m. each full school day of the year. The resolution passed, 26-0-1.

Resolution Three, Charges for Academic Overloads. Presented by President Randy Ridgway, the resolution asked that the

Congress stand opposed to any extra monetary charge for academic overloads. After discussion, the resolution passed unanimously.

Resolution Four, Snack Bar and Student Center Proposals. Gerry Dail presented the resolution, and asked that the Congress encourage the Administration to act on the snack-bar and student center proposals. After some discussion, the resolution passed, 23-3-2.

Good of the Order. Prospects for vending machines and alternatives for the proposed Student Center were discussed.

President Randy Ridgway stated that he would be attending the Academic Affairs Committee meeting on February 24 and also the Student Affairs Committee meeting, and said that if anyone had any comments or questions on the nature of his input at the meetings, to contact him.

The next meeting will be held on Thursday, February 10, at 4:30 p.m. in Room B-119.

BIOMEDICAL ENGINEERING

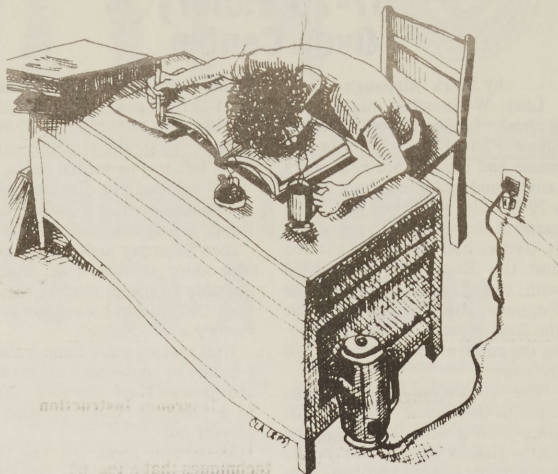
Experts in the design and manufacture of artificial limbs and the development of materials for artificial organs visited the campus of Rose-Hulman Institute of Technology this week to present seminars on biomedical engineering.

Niles L. Noblitt, a 1973 graduate of Rose-Hulman, spoke at the Monday seminar. Noblitt, director of technical services for Orthopedic Equipment Company of Warsaw, will lecture on developments in orthopedic prostheses.

On Tuesday, Silas A. Braley, head of the Dow Corning Center for Aid to Medical Research, talked on the use of silicone materials in artificial organs, while Friday's speaker will be Dr. Denes I. Bardos, director of research for Zimmer Corporation. His seminar is entitled "Materials for Construction of Orthopedic Appliances."

The experts were on the campus in conjunction with Rose-Hulman President Dr. Samuel F. Hulbert's class in biomaterials.

THORN REMINDER FINALS WEEK - FEB. 28-MAR. 3



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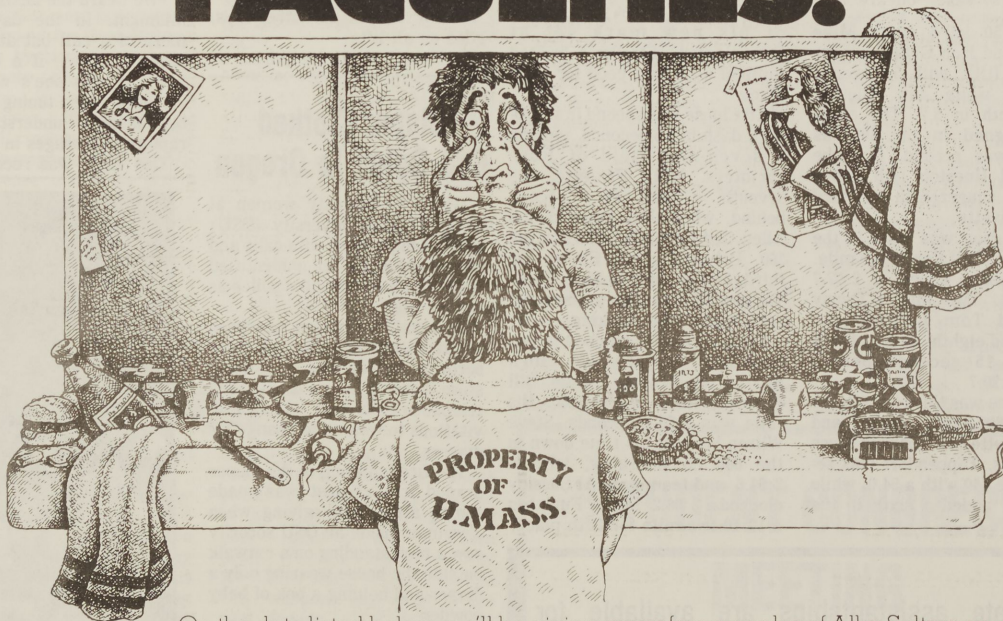
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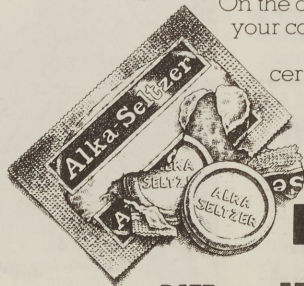
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DATE: FEB 23

TIME: 5:00

LOCATION: STUDENT CNTR

WORLD OF WHEELS

The Indiana Convention Center will be the sight of the 18th Annual 500 World of Wheels, scheduled for a three-day show February 18, 19, and 20.

The world's largest custom car show of its kind, the 500 World of Wheels brings together the most exciting collection of one-of-a-kind cars with a universal appeal to young and old alike.

Marilyn Lang, "Playmate of the Year," and Donny Most, who plays "Ralph" on the TV show HAPPY DAYS, are among the celebrities who will appear at the Convention Center for the 500 World of Wheels.

Interested persons should call the Indiana Convention Center box office for ticket information.

The 18th Annual 500 World of Wheels opens on Friday at 5 p.m. and will run until 11 p.m. Saturday and Sunday the show runs from noon until 11 p.m.

Gas can't.

As almost anyone knows, right here in Indiana we are sitting on a 300-400 year supply of coal. And it will become practical to mine it when we find that we either pay for it or do without it. It will definitely be expensive," said Mr. Willets.

It will be difficult to determine for some weeks how much damage the severe weather has caused. Roads will frost heave; roofs will leak in places where water has frozen under the asphalt, particularly around downspouts, and caused cracks.

"I'm Director of Safety, among all the other hats I wear, and I would just caution everyone to drive real carefully; these are the worst driving conditions we can have," Mr. Willets said. "And be careful walking; the sidewalks and roads are quite slippery."

Engineers Get 3rd CAC Championship With 87-75 Victory Over Centre

by Mark Alspaugh

Last Wednesday night, the Wabash Little Giants entered Shook Fieldhouse to face a full house and the red hot Engineers only to end up on the short end of a 70-63 tally. Being the last home game of the season, the pre-game festivities had the crowd excited and the Engineers responded with some fancy shooting. The Engineers did not miss a shot for the first seven minutes, and ended the game with a blistering .750 average.

The Engineers, as a result, went to the locker room at half-time with a 41-25 lead. But the Little Giants caught fire in the second half and at one time canned 10 shots in a row. That surge brought Wabash to within two, 57-55. But Rose then regained the momentum and pulled to the eventual seven-point margin.

Senior guard Mike Griggs

finished the game with 24 points on 11-15 field goals. That includes hitting his first nine shots. Griggs' first miss came with 14:04 left in the second half.

Steve Van Dyck finished with 16, Dave Sutherland had 15, and Roger Edelbrock ended with 10.

Then Saturday night, Rose won their third straight CAC championship as the Engineers ran up their 16th straight win in an 87-75 victory over Centre.

That victory gave Rose a clean 8-0 slate in conference action and also moved Rose one step closer to a possible NCAA division II playoff bid.

Steve Van Dyck led the way Saturday with 31 points. Sutherland and Griggs both added 16. The Engineers held a slim 38-29 lead at halftime, but built up a 22-point lead in the second half before Coach Mutchner sent in the reserves.

2ND OPEN COLLEGIATE TRACK MEET HELD AT ROSE

by Anthony Adverse

Rose-Hulman's second open collegiate track meet last Friday attracted more competition from around the state than two weeks ago, which resulted in improved times but poorer finishes for Engineer trackmen.

Tom Wiltout won the triple jump with an effort of 39 feet, 10 inches, and took third in the long jump, leaping 20-5. He also tied for second in the 60-yard low hurdles with Steve Stroder, as each was timed in 7.5 seconds. Stroder also managed a fifth in the 60-yard high hurdles, while Jack Wickham and he each jumped six feet in the high jump.

Matt Hodgson tied for first in the pole vault, with a height of 12 feet. Al Cassidy was runnerup in the half mile, with a 2:05.7 clocking, and took third in the 1000-yard run, in 2:37.4, but fell out of the placing with a five minute plus mile.

In the 50 yard dash, Mike Privette and Rob Graebbe were third and fifth, with 5.6 second clockings, while Jim Hueston was seventh in 5.7. The same order reigned in the 300, as Privette was second, Graebbe ninth, and Hueston 11th. Dave Tappendorf squeezed in for third behind Privette.

Steve Wilson was sixth in the 880, and was Bill Fox in the mile. They recorded times of 2:07.7 and 4:49.5. Two milers Denny Funk and Tom Lathrop ran seventh and eighth, with Lathrop finishing 15 seconds behind Funk's 10:20.7.

Ed Clouse was third in both the 440 and 600-yard dashes, and Doug Privette took fifths in those two sprints. Tappendorf was second in the 440 with a 54.0, while Rich Wolf added a sixth in the 600.

Kevin Bridgewater put the shot 41-3, 5 1/2 feet farther than teammate Tim Campbell.

Tom Wiltout won the 60-yard hurdles and took second in the long jump, while Matt Hodgson won the pole vault and Tony Allen was unbeatable in the triple jump to lead Rose tracksters in their first of three home "open" meets. Steve Stroder broke the school indoor record for the high jump in the same meet, while Allen added another 3/4 of an inch to his schooltriple jump mark two weeks ago at Indiana University.

Wiltout's winning time was 7.6 seconds, as Jim Flesch, Tom Burns, and Gary Davis were third through fifth behind him. Twenty-one feet, 1 1/2 inches gave him runnerup spot in the long jump. Matt Hodgson's height was 13 feet even, while Allen jumped 47-10 last Friday, 3/4 inches short of his new mark set at Bloomington. Stroder's record jump of 6-2 1/2 was good for third place.

Ed Clouse was second in the 50-yard dash in 5.5 seconds, topping a seven-man field of Rose sprinters. Mike Privette was seventh, a tenth of a second behind, while Jim Hueston and Allen tied for ninth in 5.7. In the 300, Privette edged Clouse for third, 33.4 seconds to 33.55. Dave Tappendorf was fifth in the same race with a 34.0 clocking.

Doug Privette notched a second in the 440 yard dash, with a 54.1 watch reading, while Bill Fox was third in the 1000. His time was 2:28.4 seconds. Steve Wilson brought his time down in the 880 considerably, with a 2:04.6, and teammate Al Cassidy clocked a 2:06.2. Denny Funk ran a 10:10 two-mile for fifth place.

Learn To Ski For \$100

There is a mythical belief that skiing is a rich man's sport, affordable only by the most affluent members of society.

Let's set the record straight. Most skiers are not wealthy. Far from it. They come from different walks of life and different economic backgrounds, ranging from students who are still in school or struggling to meet next semester's tuition to retired people living on fixed income.

The simple fact is that you can learn to ski in a week and enjoy a vacation and do it for as little as \$100, and that you can continue to ski for less than you would ever believe possible.

A random approach to learning to ski can cost both time and money, but if you follow a few basic rules, you'll enjoy lots of inexpensive good times on the slopes in the years to come.

Rent Your Equipment

The new skier should not buy any ski equipment until he knows what types of skis best suit him, what boots are most comfortable, what ski poles are the right length.

Rent your equipment preferably at a ski area that knows what kind of a skier you are. You should be outfitted with equipment designed specifically to make it easier to learn to ski. If you rent from a ski school that specializes in teaching beginners, the chances are the rental fee will be part of the instruction cost, and that saves you money.

Don't start by buying fancy clothes. You don't need them. Fashionable ski wear comes later, after you have earned the right to wear it by learning to ski.

When you go skiing for the first time, try to go skiing for a week, Monday through Friday, at one resort on a ski vacation package; not a weekend if you can help it, but for 4 or 5 days mid-week. Select a resort that offers a ski vacation package designed for beginners. The most complete ski vacation packages will include:

- 1) A week of ski lessons — two hours or more a day for five days, and sometimes using helpful video-tape reviews.
- 2) Ski tickets for five days, good on all lifts.
- 3) Rental of ski equipment (if

you need it, and if you do, short skis probably).

4) Lodging and meals.

5) Most ski resorts even throw in free evening parties and other fun.

Next, look at the price. A ski week can be purchased for as little as \$100 at small or medium-sized areas, higher at areas with more facilities. You really can learn to ski for \$100. That means \$20.00 a day for five days.

Don't forget the ski resorts that are close to you. The chances are there is a ski area nearby that has a very good ski school and will teach you quickly and efficiently. You might even decide to commute to avoid lodging expense.

Driving is Cheaper Than Flying

Driving is cheaper than flying. So are the bus and the train.

Two can often ski cheaper than one. Four can ski for less than two, etc. One trick is to rent a condominium, with beds for eight, for five days which can cost as little as \$8.00 a day per person. You cook your own meals eating what you want, when you want, and saving a bit, too.

Mind your lunch and after-ski costs. A cafeteria lunch at a ski resort for a family of four can run at least \$5.00. A lunch of homemade sandwiches, a thermos of soup or hot chocolate can save more than half of that.

As to after-ski: if you have a condominium, you can save money in entertainment. And don't forget the free parties offered to skiers by the ski area.

The family, couple or single who wants to learn to ski should follow these rules until they know for sure whether they really like skiing. Then they can buy the fancy, bright colored, high performing, exciting skis and boots, the beautiful clothes, and be one of the beautiful people. But chances are, you'll end up like most of us . . . skiing joyfully and inexpensively.

Wilderness Trips

"We heard the loons calling at midnight. In the daytime it's more of a call but at night it's almost a howl, if a bird could howl. It sets one's whole body vibrating like a tuning fork. I am beginning to understand those rapturous passages in Thoreau."

This entry was recorded in a

student journal in the Adirondack Mountains last summer.

The primitive Moose River region of the Adirondacks was an unlikely place to hold class that night, yet the small group of men and women listening to the loons were students in a literature course, the "Wilderness Workshop."

Directed by Professor Jonathan Fairbanks at the State University of New York at Potsdam, the workshops offer the student physical and intellectual contact with a major aspect of American culture — the wilderness experience.

Prior to the field periods (which vary from 10-day backpacking treks in the Adirondacks and Colorado Rockies to a two-week canoe expedition in Northern Ontario), students read, independently, American and Canadian classics bearing on the wilderness.

Writers such as Thoreau, Hemingway, and London are read for the Adirondack course. The Colorado readings emphasize the literature of the Indian and of the mountain men. The Canadian program concentrates on the literature of the trappers, fur-traders and Voyageurs.

In the natural setting, discussions of the readings arise spontaneously on the trail, alongside a mountain stream, or by the evening campfire.

Entering its fifth year, the Wilderness Workshop has attracted students from more than 50 colleges and universities and from regions throughout the United States and Canada.

Applicants are accepted on a first apply-first accepted basis. The program offers both undergraduate and graduate credit.

In the summer of 1977 the Colorado expedition is scheduled for June 8 through 7 and July 1 through 10; the Adirondack treks are offered July 22 through 31, August 3 through 12, and August 15 through 24; and the Canadian field period will be August 6 through 20.

The cost for the Colorado and the Adirondack Workshops is \$325 and for the Canadian trip, \$395. This covers tuition as well as equipment, food, lodging and transportation costs while in the field.

Additional information may be obtained by writing Dr. Jonathan Fairbanks, Wilderness Workshop, Morey Hall, State University of New York, Potsdam, N.Y. 13676.

Diaper Cloth Cad Oglled In Oregon

(CPS) — Sorority women at Oregon State University (OSU) have been plagued with calls and appearances by an unidentified man known to Corvallis police as Diaper Man.

So far Diaper Man has been spotted wandering through three sorority houses and a clothing store wearing only a diaper. His telephone calls have included invitations to women to change his diapers.

The first sighting of the diaper draped exhibitionist was made shortly after Thanksgiving, when a woman inside an OSU sorority saw a man standing on a catwalk outside the house wearing only a diaper and holding a box of baby powder.

"We have reason to believe he is a college student," officers on the case speculated.

Sorry, Gang No Thorn Next Week Have A Good Spring Break

Graduate assistantships are available for science and engineering students, leading to MS and Ph.D. degrees in Chemical and Materials Engineering. The newly formed Materials Research Center at Iowa offers an excellent opportunity in interdisciplinary studies of material behavior. For further information, write:

Professor Sun-Tak Hwang
Division of Materials Engineering
University of Iowa
Iowa City, Iowa 52242



Fiji pile on for the mattress contest last Wednesday. Photo by Wheeler.